

ABSTRACT

A portable heater that provides a relatively large heat output for its size in either of a natural convection mode or a forced convection mode. The heater may include an electric heating element inside of a housing. A vertical baffle in the housing may be positioned between the heating element and a front of the housing. The heater may have a housing with a volume of less than 18,000 cubic centimeters and a heat output of about 1500 Watts. Less than about 25 percent of the surface of the housing may be open to allow air flow through the housing. The heater may have a ratio of heat output to housing volume of at least 0.082, and up to 0.1